

Figure 10 Voltage Mode output sense

# Proposed New Milli-actuator Solution – Voltage Mode

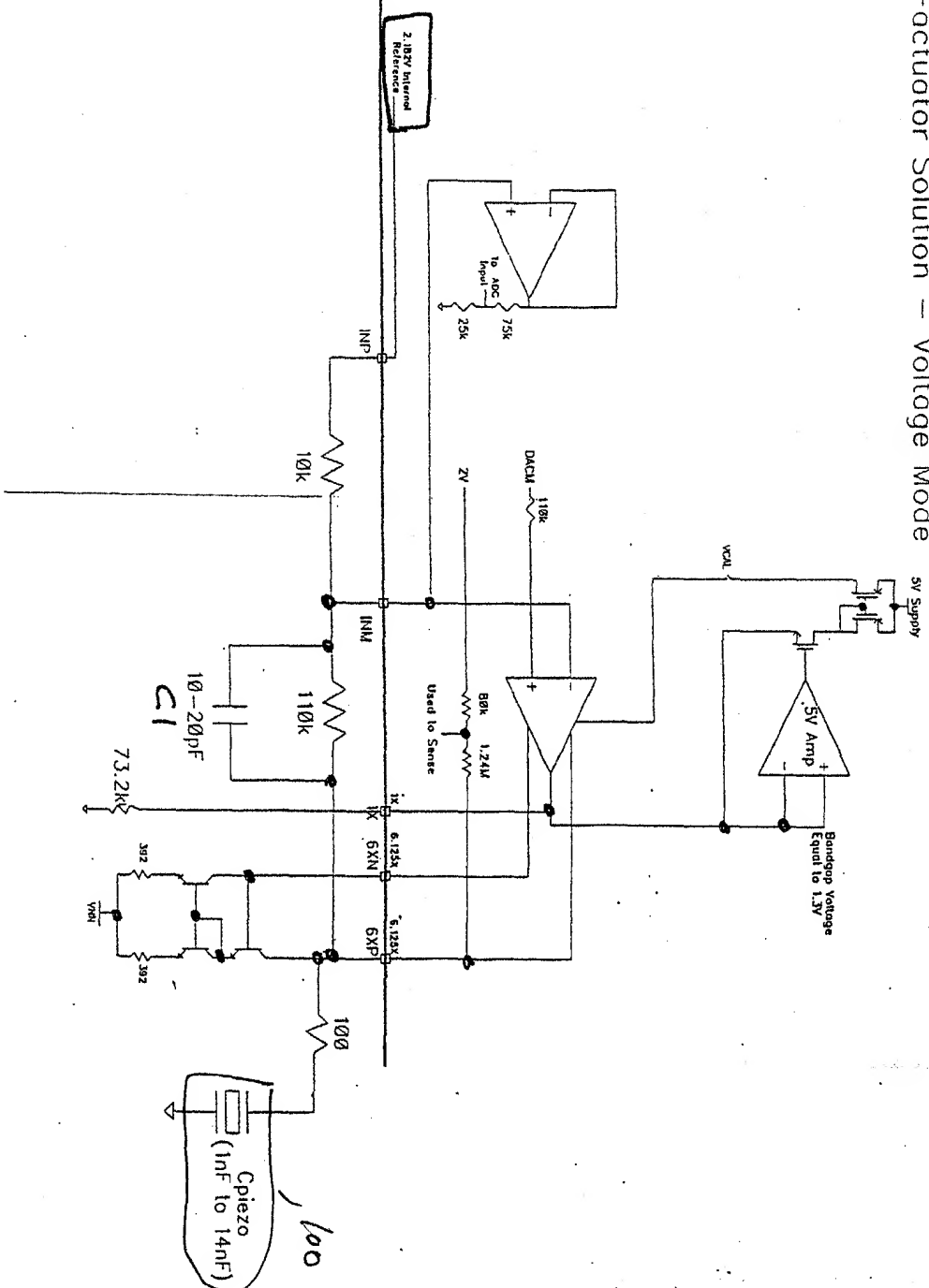


Figure 6

Ph



FIGURE 4

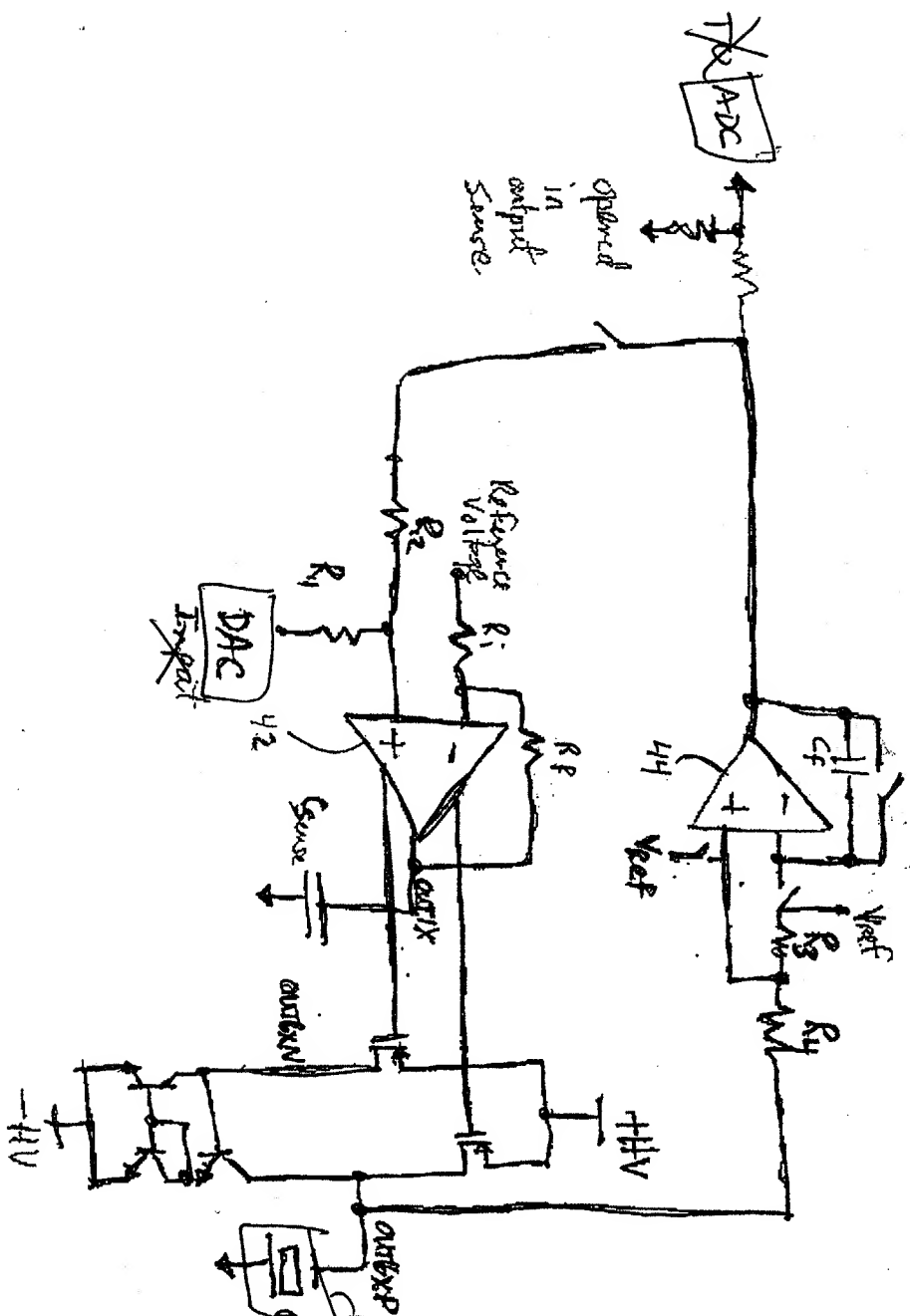


Figure 12: Charge Mode Output Sense

In charge mode, the output sense, the DC restore amplifier is reconfigured.

The feedback capacitor is shunted, the  $R_3, R_4$  feedback is opened and connected to  $V_{ref}$ . The non-inverting

input is opened from  $V_{ref}$  and connected to the  $R_3, R_4$  divider.

The outputs  $OUTBU$  and  $OUTBP$  are made high impedance and arbitration. The be sensed through  $R_3, R_4$  to reconfigured DC restore amplifier and sent to ADC

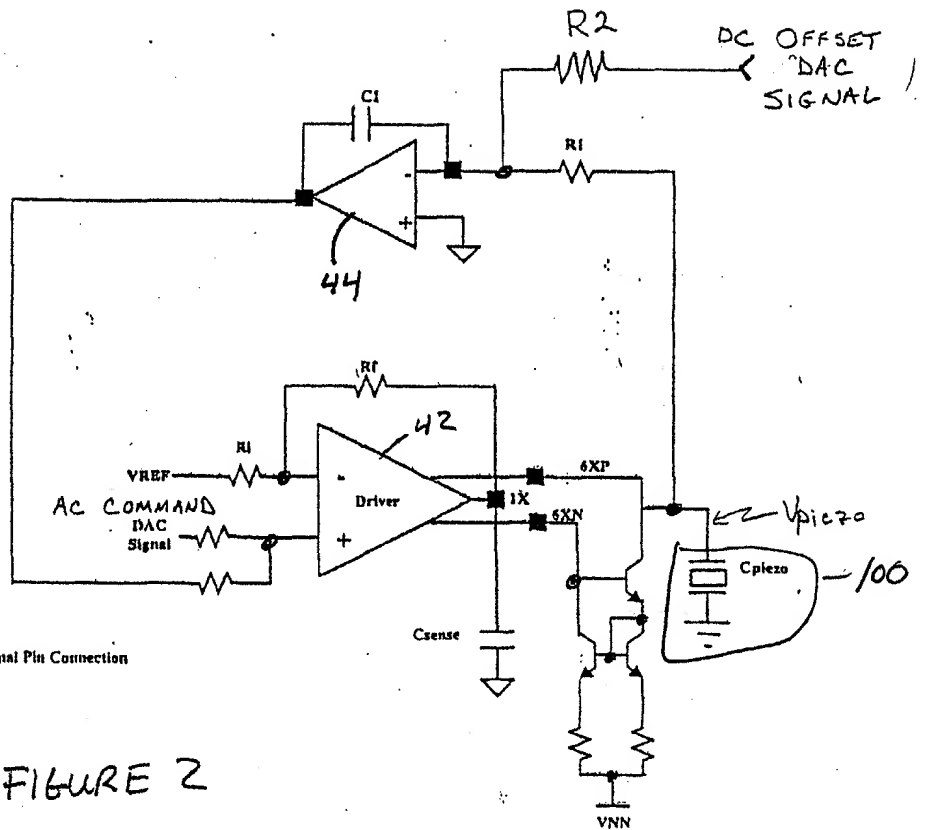


FIGURE 2

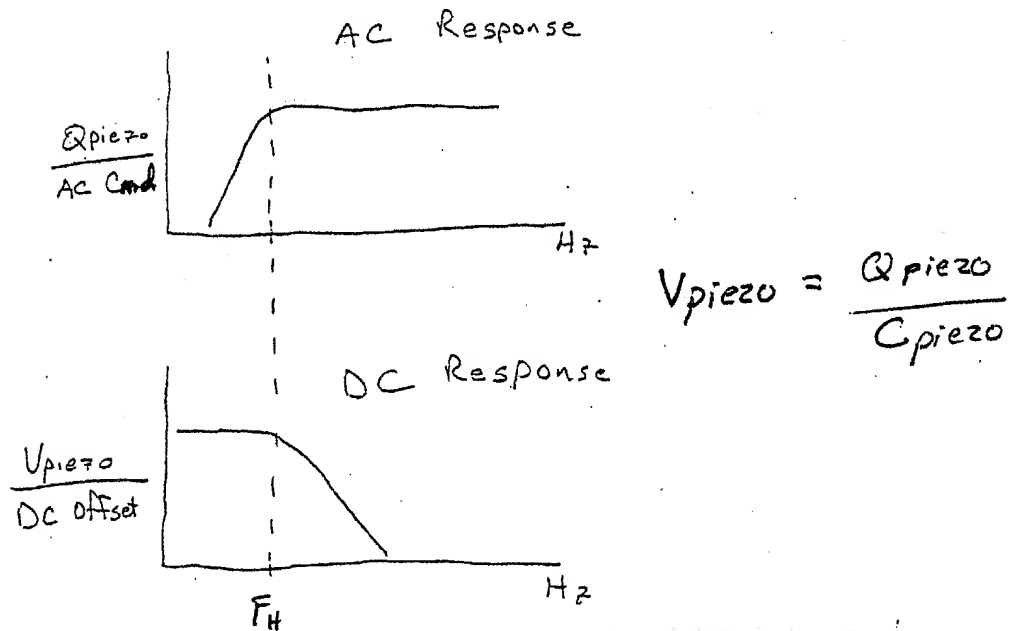


FIGURE 3